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| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><i>(Only for new nonprovisional applications under 37<br/>CFR 1.53(b))</i> | Attorney Docket No.                            | S01448/70002 JNA |
|   | First Named Inventor or Application Identifier |                  |
|   | Thomas J. Awad, et al.                         |                  |
|   | Express Mail Label No.                         | EL844511543US    |
|   | Date of Deposit                                | August 8, 2001   |

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|--|--|---|
| <b>APPLICATION ELEMENTS</b><br><i>See MPEP chapter 600 concerning utility patent application contents</i>  | <b>ADDRESS</b><br>TO:  | <b>Box Patent Application</b><br>Commissioner for Patents<br>Washington, DC 20231 |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form<br><i>(Submit an original, and a duplicate for fee processing)</i>   | 8. <input type="checkbox"/> CD-ROM or CD-R, in duplicate, large<br>table or Computer Program (Appendix)  |   |
| 2. <input checked="" type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.   | 9. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence<br>Submission (if applicable, all necessary)   |   |
| 3. <input checked="" type="checkbox"/> Specification [Total pages 69]<br><br>54 - pages description<br>1 - pages abstract<br>14 - page claims 33 - Total claims  | a. <input type="checkbox"/> Computer Readable Form (CRF)<br>b. <input type="checkbox"/> Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br>ii. <input type="checkbox"/> paper (identical to computer copy)<br>c. <input type="checkbox"/> Statement verifying identity of above copies |   |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total sheets 12]<br><input type="checkbox"/> Informal <input checked="" type="checkbox"/> Formal [Total drawings 13]   | <b>ACCOMPANYING APPLICATION PARTS</b>  |   |
| 5. <input checked="" type="checkbox"/> Oath or Declaration [Total pages 4]<br>a. <input checked="" type="checkbox"/> Newly executed (copy)<br>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br><i>(for continuation/divisional with Box 19 completed)</i><br>[Note Box 6 below]<br>i. <input type="checkbox"/> DELETION OF INVENTOR(S)<br>Signed statement attached deleting<br>inventor(s) named in the prior application,<br>see 37 CFR 1.63(d)(2) and 1.33(b). | 10. <input checked="" type="checkbox"/> Assignment Papers/cover sheet &<br>documents(s)  |   |
| 6. <input type="checkbox"/> Incorporation by Reference<br><i>(usable if Box 5b is checked)</i><br>The entire disclosure of the prior application,<br>from which a copy of the oath or declaration is<br>supplied under Box 5b, is considered as being<br>part of the disclosure of the accompanying<br>application and is hereby incorporated by<br>reference therein. See 19.   | 11. <input type="checkbox"/> 37 CFR 3.73(b) Statement<br><i>(when there is an assignee)</i><br><input type="checkbox"/> Power of Attorney  |   |
| 7. <input type="checkbox"/> Application Data Sheet, See 37 CFR 1.76  | 12. <input type="checkbox"/> English Translation of Document <i>(if applicable)</i>  |   |
|  | 13. <input checked="" type="checkbox"/> Information Disclosure Statement PTO-1449<br><input checked="" type="checkbox"/> Copies of IDS Citations   |   |
|  | 14. <input type="checkbox"/> Preliminary Amendment   |   |
|  | 15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i>   |   |
|  | 16. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i>   |   |
|  | 17. <input type="checkbox"/> Request and Certification Under 35 U.S.C.<br>§122(b)(2)(B)(ii)  |   |
|  | 18. <input type="checkbox"/> Other:<br>_____<br>_____<br>_____   |   |

19. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below or in the body of the application, or a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. , filed on , entitled " " and .

*Prior application information: Examiner. Group Art Unit:*

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

20. CORRESPONDENCE ADDRESS

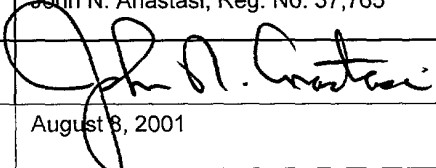
Correspondence address below

CUSTOMER NUMBER:



**23628**

21. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

|           |  |
|-----------|--|
| NAME      | John N. Anastasi, Reg. No. 37,765  |
| SIGNATURE |  |
| DATE      | August 8, 2001   |

Inventor or Identifier: Thomas J. Awad, et al.

Serial No: ---

Filed: Herewith

CHECK BOX, if applicable:

For: Method and Apparatus for Generating a Set of Filter  
Coefficients Providing Adaptive Noise Reduction☐ **DUPLICATE**

## Fee Calculation Sheet

| CLAIMS | FOR  | NUMBER FILED | NUMBER EXTRA | RATE                             | FEE         |
|--------|--|--------------|--------------|----------------------------------|-------------|
|        | TOTAL CLAIMS<br>(37 CFR 1.16(c))   | 33-20=       | 13 x         | \$18                             | = \$ 234.00 |
|        | INDEPENDENT<br>CLAIMS (37 CFR<br>1.16(b))                                  | 5 -3=        | 2 x          | \$80                             | = \$ 160.00 |
|        | MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) +               |              |              | \$260                            | = \$        |
|        |  |              |              | BASIC FEE<br>(37 CFR<br>1.16(a)) | \$ 710.00   |
|        | Total of above Calculations =  |              |              |                                  | \$ 1104.00  |
|        | Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28). |              |              |                                  | \$ 552.00   |
|        | Assignment Recordation Fee (if any)  |              |              |                                  | \$ 40.00    |
|        | Other Fees (if any).   |              |              |                                  | \$          |
|        | TOTAL =  |              |              |                                  | \$ 592.00   |

## General Authorization to Charge Deposit Account and General Request for Extension of Time

2. a. ☒ If the filing of any paper in this application necessitates the payment of a fee under 37 CFR §§ ☒ 1.16 ☒ 1.17, and the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.
- b. ☐ The applicant hereby revokes any prior authorization to charge a fee due under 37 CFR §§ ☐ 1.16 ☐ 1.17 or ☐ 1.18.
3. If the filing of any paper in this application necessitates an extension of time under 37 CFR §1.136(a), the applicant hereby requests such extension of time. If the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.

  
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Docket No. S01448/70002 JNA  
 Date: August 8, 2001